

## Product datasheet for **TA355362**

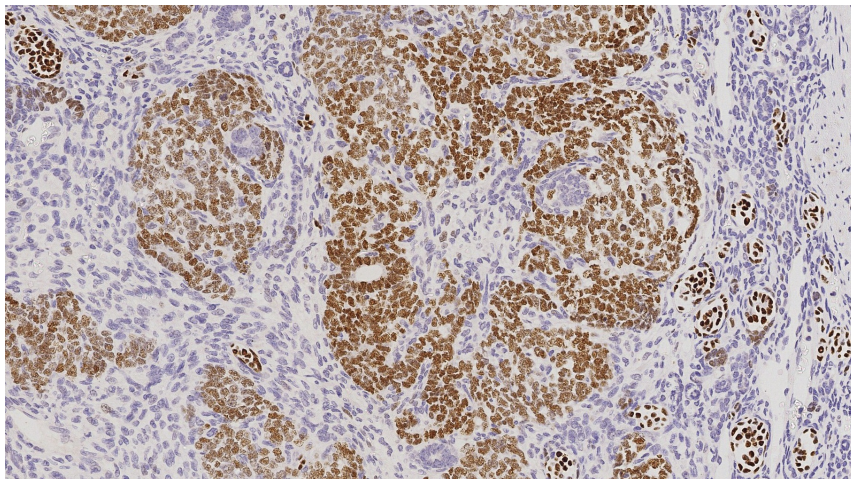
### Wilms Tumor Protein (WT1) Mouse Monoclonal Antibody [Clone ID: WT49]

#### Product data:

|                       |  |
|-----------------------|--|
| Product Type:         | Primary Antibodies   |
| Clone Name:           | WT49   |
| Applications:         | IHC  |
| Recommended Dilution: | 1:100  |
| Reactivity:           | Human  |
| Host:                 | Mouse  |
| Isotype:              | IgG1   |
| Clonality:            | Monoclonal   |
| Immunogen:            | A prokaryotic recombinant protein containing 1–181 amino acids of the N-terminal of the Wilms' Tumor protein   |
| Specificity:          | Human Wilms' Tumor WT1 gene product  |
| Formulation:          | Liquid tissue culture supernatant containing sodium azide as a preservative  |
| Conjugation:          | Unconjugated   |
| Storage:              | Store at 2-8°C   |
| Stability:            | 12 months  |
| Gene Name:            | Wilms tumor 1  |
| Database Link:        | <a href="#">Entrez Gene 7490 Human P19544</a>  |
| Background:           | Wilms' tumor protein (WT1) has a role in transcriptional regulation and is expressed in the kidney and a subset of hematopoietic cells. Alteration of transcription factor function is a common mechanism in oncogenesis. The WT1 protein contains a DNA binding domain and any deletions or point mutations of the WT1 gene which destroy this activity result in the development of the childhood nephroblastoma Wilms' tumor and Denys-Drash syndrome. The description of WT1 involvement in nephroblastoma is not clear. |
| Synonyms:             | AWT1; GUD; OTTHUMP00000037553; WAGR; WIT-2; WT33   |



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**Product images:**

Human kidney: immunohistochemical staining for Wilms' tumor. Note the nuclear staining of invasive tumor cells. Wilms' Tumor: clone WT49